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Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=4; day=29; hr=10; min=9; sec=16; ms=394;]

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Application No: 10799934 Version No: 2.0

Input Set:

Output Set:

Started: 2008-04-14 20:33:07.641
Finished: 2008-04-14 20:33:08.524
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 883 ms
Total Warnings: 4
Total Errors: 7
No. of SeqIDs Defined: 4
Actual SeqID Count: 4

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 402	Undefined organism found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)

SEQUENCE LISTING

<110> KELLY, MARK
 VILLAR, HUGO
 WANG, JIANQIANG
 LEE, MIN S.
 QIN, YONG
 SEM, DANIEL S.

<120> NUCLEAR MAGNETIC RESONANCE ASSEMBLY OF CHEMICAL
 ENTITIES USING ADVANCED ANTENNA PROBES

<130> 066692-097

<140> 10799934

<141> 2008-04-14

<150> 60/455,610

<151> 2003-03-13

<160> 4

<170> PatentIn Ver. 3.3

<210> 1

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
 peptide

<400> 1

Ile	Pro	Thr	Thr	Pro	Ile	Thr	Thr	Thr	Tyr	Phe	Phe	Phe	Lys	Lys	Lys
1				5					10					15	

<210> 2

<211> 8

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Illustrative
 consensus sequence

<220>

<221> MOD_RES

<222> (2)

<223> Variable amino acid

<220>

<221> MOD_RES

<222> (5)..(7)

<223> Variable amino acid

<400> 2

Gly Xaa Gly Gly Xaa Xaa Xaa Gly

1 5

<210> 3

<211> 19

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Illustrative
consensus sequence

<220>

<221> MOD_RES

<222> (2)

<223> Variable amino acid

<220>

<221> MOD_RES

<222> (4)..(9)

<223> Variable amino acid

<220>

<221> MOD_RES

<222> (11)

<223> Variable amino acid

<220>

<221> MOD_RES

<222> (13)..(18)

<223> This region may encompass 5 or 6 variable
amino acids

<400> 3

Lys Xaa Glu Xaa Xaa Xaa Xaa Xaa Xaa Ser Xaa Lys Xaa Xaa Xaa Xaa

1 5 10 15

Xaa Xaa Met

<210> 4

<211> 6

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Illustrative
consensus sequence

<220>

<221> MOD_RES

<222> (2)

<223> Variable amino acid

<400> 4

Pro Xaa Asn Pro Thr Gly

1

5